Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

AEE/SSD/SBM/000048/20-21 Date..... dt. 12/2/2021

No. **First & Final Bill**

Division: **BBMP, Dasarahalli** Sub-Division: **Shettyhalli Sub Division**

Bill Received No. 197 Dated 26/2/2021 Divisional Cash Book Voucher No..... Dated.....

Sub Divisional Schedule Docket No. Head of Account:

Est.Cost: 55.00 Lakhs D.R.No. :

Name of Work (as per sanctioned estimate) :	**Improvements road and drains in 1st to 3rd cross road Gatepalya in Ward No.12, Shettyhalli Sub Divison.**
Name of Contractor and Full Address :	**M/S Technical Manager (West), KRIDL Mo280, 59th cross, 17th C main road, 3rd Y Block, Rajajinagara, Bengaluru 560010**
Reference to Agreement No	**EE / DD / WO / 595 / 2019-20 dated : 28.03.2020**

Certified that the measurements were taken by me on 18/12/2020 and recorded in Pages 347217-221 of measurement Book No. 3473/2018-19 and that the work is satisfactorily executed.

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 056

Contractor 18/12/2020 **Officer-in-charge of work**

Certified that the measurement were taken by me on 18.12.2020 and found correct. The work is satisfactorily executed. Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

ಪ್ರಥಮ ಪಟ್ಟಿಯ 86.00.

Sub-Division Officer

II Memorandum of Payment **Work Code: 012-20-000040 (P-code: P1878)**

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being.....percent Rs.....
3) " Balance
4) Deduct Payment:
   a. Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted
   towards cash advance recovery of
   b. Payments cost store or other material supplied
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated..... less adjustments.
7) Net amount due to or from Contractor.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

2nd Final Bill → 548331 = 00
IT → 109627 = 00
Cess → 5481 = 00
CSF → 5481 = 00
FSD → 274067 = 00 (-1) 652560
Rty → 106442 = 00 658310
CGST → 48940 = 00
SGST → 48940 = 00 adjustments items.
Fine → 10000 = 00

Net → 482871 = 00
482302 = 00

Total amount adjusted -

EXECUTIVE ENGINEER Executive Engineer Bruhat Bangalore Mahanagara Palike Dasarahalli Division, Bengaluru-79

Contractor's Signature

EXECUTIVE ENGINEER KRIDL, BBMP DIVISION BENGALURU-560 056

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

(For use in the Office)

Audited and admitted for Rs. 548331 = 00

Passed by Cheque for Rs. 482871 = 00

Four Lakh Eighty Two Thousand Seven Hundred Seventy One 658310 = 00 652560 = 00

Witness

1.

2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs..... ... .

Dated.....

Initials of Officer making payment

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 056

Executive Engineer

B.B.M.P. Dasarahalli Division

Sl. No.	Description of Item	Unit	Previous Measurements		Present Measurements			Total up to date	
			Qty	Amount	Qty	Rate	Amount	Qty	Amount
1	Removing B.S. slab of Drain and stacking. etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Sqm	-	-	311.40	104.94	32678.32	311.40	32678.32
2	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods etc., MORTH / Chapter 3 complete as per specifications and as per the direction of Engineer-in-charge of the work. etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Cum	-	-	183.40	137.80	25272.52	183.40	25272.52
3	KSRB 4-1.7: Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Cum	-	-	62.14	5,714.97	355126.37	62.14	355126.37
4	KSRRB M2200-5.12. Providing and laying Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.7 cum and fine aggregates @ 0.47 cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008. i) Upto 5 m height. etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Cum	-	-	136.99	5,775.37	791167.94	136.99	791167.94
5	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 -do- TMT Bars Fe 500 etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	MT	-	-	6.64	75,223.96	499487.09	6.64	499487.09
6	Providing and fixing Precast RCC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work, lift charges , curing and concrtee finished surface on both sides etc., complete as per specifications and as per the direction of Engineer-in-charge of the work. (Data Rate)	Sqm	-	-	493.40	1,523.00	751448.20	493.40	751448.20

7	Providing and fixing Precast RCC slab of 250mm thick for Culverts made of Plain/Reinforced Cement Concrete design mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregates @ 0.47cum, with superplasticizer @3lts confirming to 189103- 1999 Reaffirmed-2008,0pen Foundation complete as per Drawing and Technical Specification including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications and pointing for joints 1:3 cement mortar including form work, lift charges, curing and concrete finished surfaces on both sides etc., complete as per specifications and as per the direction of Engineer-in-charge of the work. (Data Rate)	Sqm	-	-	17.50	3083.68	53964.40	17.50	53964.40
8	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials separately complete as per specifications. MORTH Specification No. 202 etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Cum	-	-	125.07	952.94	119184.21	125.07	119184.21
9	KSRRB 300-48. Scarifying kankar / gravel / metal crust by mechanical means upto 150mm thick, disposal of stuff including cost of all labour charges, HOM complete as per specifications. MORTH / Chapter 3 etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Sqm	-	-	1,303.00	25.44	33148.32	1303.00	33148.32
10	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. MORTH I Chapter 3 etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Sqm	-	-	1,303.00	6.36	8287.08	1303.00	8287.08
11	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision.etc., complete as per specifications and as per the direction of Engineer-in-charge of the work. etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Sqm	-	-	195.45	1,994.92	389907.11	195.45	389907.11

12	CONCRETE PAVEMENT KSRRB M600- Cement Concrete Pavements KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1 ,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a hatching plant, transported to site,laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601of MORTH V Revision and IS 456 Table-5 -do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver. etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Cum	-	-	195.45	3,944.51	770954.48	195.45	770954.48
13	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to18:383-2016, with Superplastizer at 3 Its conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades,textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications. -do- with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Cum	-	-	162.88	5,354.02	872062.78	162.88	872062.78

14	Providing and fixing RCC name board of size 1.35xk0.60x0.04 mtrs fixed Each 5,500.00 in reinforced cement concrete poles of size 0.10x0.10x2.60mtrs in cement concrete M 20 proportion using 20mm and down size graded metal machine mixed with 10mm dia main steel bars and 8mm dia stirups. The board shall be provided with 12mm thick cement plaster in cement mortar 1:3 on both the sides. The poles shall be embedded in the ground for a depth of 0.5 mtrs with cement concrete M 10 proportion. The board shall be fixed as per the drawing and at the place indicated by the Engineer incharge of the work. The cost includes excavation, bare cost of all materials, cost of steel, centering, transportation charges, fixing charges, labour, HOM etc., The work shall be carried out as per the detailed specifications, drawings and directions of the Engineer in charge of the work. etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Each	-	-	4.00	5,830.00	23320.00 4725286-00 567034-00 189011=00 5481331=00	4.00	23320.00 4725286=00 567034=00 189011=00 5481331=00
					Total Rs		**4726008.82**	**4726008.82**
					GST Charges 12%		**567121.06**	**567121.06**
					KRIDL Charges 4%		**189040.35**	**189040.35**
					Grand Total		**5482170.23**	**5482170.23**

Certificate

1 Certified that the contractor has work done satisfactorily.
2 The contractor has removed the debries from work site.
3 There is no any dept. materials issued to contractor

Assistant Engineer
Ward No 12, Shettyhalli
BBMP, Bangalore

Assistant Executive Engineer
Shettyhalli Sub Division
BBMP, Bangalore